

## Message Text

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TO AMEMBASSY TEHRAN

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TAGS: TGEN, USIRJCIR

SUBJECT: REPORT OF IRANIAN OCEANOGRAPHIC TEAM VISIT,  
SEPTEMBER 26 - OCTOBER 27, 1976

1. FOLLOWING IS ESSENCE OF REPORT PREPARED BY DR. ADRIAN  
F. RICHARDS, LEHIGH UNIVERSITY, ON BEHALF OF NOAA,  
CONCERNING VISIT OF IRANIAN OCEANOGRAPHIC TEAM TO UNITED  
STATES DURING PERIOD SEPTEMBER 26 TO OCTOBER 27, 1976.

2. INTRODUCTION. IDEA OF HAVING TEAM OF IRANIAN  
OCEANOGRAPHERS VISIT U.S. AROSE IN CONTEXT OF ACTIVITIES  
OF THE U.S.-IRAN JOINT COMMISSION AND MORE SPECIFICALLY,  
OUT OF DISCUSSIONS IN ITS COMMITTEE ON SCIENCE,  
TECHNOLOGY AND EDUCATION. PLANS FOR THE VISIT WERE  
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ORIGINALLY MADE BY THE NATIONAL SCIENCE FOUNDATION, BUT  
THE MINISTRY OF SCIENCE AND HIGHER EDUCATION TWICE HAD  
TO POSTPONE IT. AT THE AUGUST 1976 MEETING OF THE  
COMMITTEE NOAA REPLACED NSF AS THE LEAD AGENCY FOR  
OCEANOGRAPHIC ACTIVITIES UNDER THE JOINT COMMISSION, AND  
DR. ROBERT ABEL, CHIEF, OFFICE OF SEA GRANT, NOAA, WAS  
DESIGNATED AS U.S. CONTACT. DURING THE AUGUST 1976

MEETING OF THE COMMITTEE THE OCEANOGRAPHY WORKING GROUP  
PROPOSED THE FOLLOWING TECHNICAL AREAS IN WHICH IT WAS  
BELIEVED AMERICAN ASSISTANCE COULD EASILY ACCELERATE

ONGOING IRANIAN DEVELOPMENT OR FACILITATE NEW STARTS:

(1) ANNOTATION AND IDENTIFICATION OF ALL MATERIAL AND  
DATA RELATING TO BIOLOGICAL COLLECTIONS, SURVEYS,  
PHYSICAL AND CHEMICAL MEASUREMENTS, ETC. WHICH HAVE  
BEEN MADE IN IRANIAN MARITIME REGIONS; (2) DEVELOPMENT  
OF A MARINE DATA CENTER IN IRAN; (3) TRAINING IN MARINE  
SCIENCES TO INCLUDE: (A) ENCOURAGEMENT OF EXPERTS FROM  
U.S. TO VISIT IRAN ON BOTH SHORT AND LONG-TERM TOURS  
FOR THE PURPOSE OF DEVELOPING TRAINING PROGRAMS, (B)  
DEVELOPMENT OF SHORT-TERM TRAINING PROGRAMS IN THE U.S.  
SUITED TO EXPANDING PRESENT TECHNICAL EXPERTISE IN IRAN;  
(C) DEVELOPMENT OF EXCHANGE PROGRAMS IN MARINE SCIENCES;  
(4) PROMOTION OF PERSIAN GULF AS A UNIQUE ECOSYSTEM WITH  
SPECIAL CHARACTERISTICS (HIGH TEMPERATURES-HIGH SALINITIES)  
AMONG AMERICAN MARINE SCIENTISTS AND INSTITUTIONS;  
(5) SUPPLYING IRANIAN MARINE INSTITUTIONS WITH THE  
PLANS OF SUCCESSFUL MARINE LABORATORIES AND  
MAINTAINING CONTACT WITH CURRENT DEVELOPMENTS IN MARINE  
LABORATORY ARCHITECTURE; (6) DEVELOPMENT OF ANNOTATION  
OF INSTRUMENTATION APPROPRIATE TO THE SPECIAL CONDITIONS  
OF THE PERSIAN GULF (HIGH SALINITY, 38-45 PERCENT OR  
ABOVE; HIGH TEMPERATURE 40-43 DEGREES C WATER; 65-70  
DEGREES C SUNLIGHT CONTACT) AND PROVISION OF A LIST  
OF INSTRUMENT MANUFACTURERS CAPABLE OF DEALING WITH  
SUCH PROBLEMS; (7) EXPANSION OF EXISTING SEA WATER DATA  
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TABLES TO COVER PERSIAN GULF CONDITIONS; (8) DEVELOPMENT  
OF DATA EXCHANGE PROGRAMS BETWEEN IRANIAN INSTITUTIONS  
CONCERNED WITH THE PERSIAN GULF AND U.S. INSTITUTIONS  
ADJACENT TO THE GULF OF MEXICO; AND (9) DESIGNATION  
OF A STANDING COMMITTEE TO EXPAND AND PLAN IN DETAIL  
U.S.-IRANIAN JOINT PROGRAMS IN MARINE SCIENCES. THE  
FIRST EIGHT OF THESE POINTS, SLIGHTLY RECAST, BECAME  
THE OBJECTIVES OF THE VISIT.

B. THE MEMBERS OF THE IRANIAN OCEANOGRAPHIC TEAM WERE  
AS FOLLOWS: (1) DR. MANSOUR NIAZI, PROFESSOR OF GEOPHYSICS  
AND CHAIRMAN, DEPARTMENT OF GEOPHYSICS, FERDOWSI  
UNIVERSITY, MASHHAD. PHD UNIVERSITY OF CALIFORNIA,  
BERKELEY, 1964 (CHAIRMAN OF DELEGATION); (2) DR. FARAMARZ  
HOSSEINIE, ASSISTANT PROFESSOR, DEPARTMENT OF BIOLOGY,  
PAHLAVI UNIVERSITY, SHIRAZ. PHD UNIVERSITY OF INDIANA,  
1966 (DR. HOSSEINIE HAS BEEN ACTIVE WITH THE PERSIAN  
GULF PROGRAM OF UNESCO'S DIVISION OF OCEANOGRAPHY AND WITH  
DEVELOPMENT OF MARINE SCIENCE AT PAHLAVI UNIVERSITY);

(3) DR. FATEMEH MOGHADDAM, ASSISTANT PROFESSOR, DEPARTMENT OF BIOLOGY, TEHRAN UNIVERSITY. PHD UNIVERSITY OF UTAH, 1964.

C. ITINERARY. SEPT. 26-28 WASHINGTON, D.C. SEPT. 29 -

OCTOBER 2 WOODS HOLE OCEANOGRAPHIC INSTITUTION AND NOAA'S NORTHEAST FISHERIES CENTER, WOODS HOLE, MASSACHUSETTS. OCTOBER 2-6 OREGON STATE UNIVERSITY, CORVALLIS, OREGON. OCTOBER 6-13 NOAA'S FISHERIES RESEARCH CENTER AND SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA; HYDRO PRODUCTS AND TETRA TECHNICAL COMPANY, SAN DIEGO; UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES, CALIFORNIA. OCTOBER 13-17 TEXAS A AND M UNIVERSITY COLLEGE STATION AND GALVESTON, TEXAS. OCTOBER 17-24 UNIVERSITY OF MIAMI; NOAA'S SOUTHEAST FISHERIES CENTER; PERRY OCEANOGRAPHICS, INC.; UNIVERSITY OF SOUTH FLORIDA; NOAA'S ATLANTIC LIMITED OFFICIAL USE

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OCEANOGRAPHIC AND METEOROLOGICAL LABS; HARBOR BRANCH FOUNDATION, INC., ALL IN FLORIDA. OCTOBER 25-28 SUMMATION IN WASHINGTON, D.C. DEBRIEFING AT NOAA'S OFFICE OF SEA GRANT OCTOBER 27.

D. DEBRIEFING. THE OBJECTIVES OF THE IRANIAN OCEANOGRAPHIC TEAM WERE TO (1) SURVEY BRIEFLY THE ENTIRE FIELD OF MARINE SCIENCE IN THE U.S., (2) LEARN HOW U.S. MARINE SCIENCE IS ADMINISTERED, AND (3) IDENTIFY ORGANIZATIONS WITH WHICH IRANIAN INTERACTION MIGHT SUBSEQUENTLY BE MADE. THERE WAS A CONSENSUS THAT THE TRIP WAS SUCCESSFUL AND WORTHWHILE. THE TWO LARGE UNIVERSITIES THAT IMPRESSED THE TEAM MOST FAVORABLY WERE TEXAS A AND M AND OREGON STATE. THE TEAM WAS ENCOURAGED IN THEIR VISIT TO THE UNIVERSITY OF SOUTH FLORIDA TO LEARN HOW A SMALL OCEANOGRAPHIC DEPARTMENT IS DEVELOPING. THEY IDENTIFIED TWO MAJOR PROBLEM AREAS: (1) LACK OF TRAINED OCEANOGRAPHERS AND (2) THE NEED FOR AN OCEANOGRAPHIC INSTITUTE IN IRAN. THEY PREFERRED TO DEFER DETAILED DISCUSSION ON HOW TO RECTIFY THESE PROBLEMS UNTIL THEY HAD SUMMARIZED THEIR CONCLUSIONS FROM THE TRIP AND HAD MADE RECOMMENDATIONS TO THEIR GOVERNMENT. THEY DID BELIEVE, HOWEVER, THAT TRAINING OF PROFESSIONALS IN MARINE SCIENCE SHOULD PROCEED IMMEDIATELY BY SENDING STUDENTS ABROAD AND WITH ON-THE-SPOT TRAINING IN IRAN. THEY STATED THAT THE IRANIAN PROGRAM WOULD BE INTERDISCIPLINARY, WOULD INCLUDE ALL MAJOR AREAS OF MARINE SCIENCE, AND THAT TECHNICIAN TRAINING WOULD ALSO BE IMPORTANT.

E. FUTURE PLAN. THE ORIGINAL NINE-POINT PLAN IS A GOOD

ONE. WHILE THERE APPEARS TO BE A LIMITED NEED FOR A MARINE DATA CENTER IN IRAN, THE OTHER EIGHT POINTS CLEARLY ARE RELEVANT. AFTER THE IRANIAN TEAM HAS SUBMITTED ITS REPORT AND RECOMMENDATIONS, IT WOULD BE HIGHLY DESIRABLE FOR A SMALL OFFICE OF SEA GRANT TEAM LIMITED OFFICIAL USE

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TO GO TO IRAN FOR ONE OR TWO WEEKS TO DISCUSS IN DETAIL THE IRANIAN OCEANOGRAPHIC TEAM'S REPORT AND TO DEFINE A MUTUALLY SATISFACTORY PLAN OF ACTION. THE TIME OF MEETING SHOULD BE DECIDED JOINTLY; A LATE SPRING OR, MORE PROBABLY, EARLY FALL DATE IN 1977 WOULD BE APPROPRIATE. AT THIS TIME, THE SEA GRANT TEAM SHOULD BE PREPARED TO: (1) RECOMMEND U.S. MEMBERSHIP OF A JOINT U.S.-IRAN STANDING COMMITTEE TO EXPAND AND PLAN IN DETAIL U.S.-IRANIAN JOINT PROGRAMS IN MARINE SCIENCES, (SELECTION OF U.S. AND IRANIAN CO-CHAIRMEN WOULD BE DESIRABLE); (2) ASSIST THE IRANIANS IN THE SELECTION OF SUITABLE U.S. UNIVERSITIES FOR POST-GRADUATE OCEANOGRAPHIC AND OCEAN ENGINEERING EDUCATION; (3) IDENTIFY CIVILIAN AND MILITARY ORGANIZATIONS PROVIDING TECHNICIAN TRAINING IN MARINE SCIENCE AND TECHNOLOGY IN THE U.S.; (4) DISCUSS THE DEVELOPMENT OF EXCHANGE PROGRAMS IN MARINE SCIENCE AND TECHNOLOGY (THE U.S. MIGHT PARTICULARLY WISH TO PROPOSE FOR GOI CONSIDERATION A SEA GRANT MARINE ADVISORY TEAM THAT COULD SPEND UP TO SIX MONTHS IN IRAN ASSISTING IN SPECIFIC ASPECTS OF MARINE SCIENCE AND TECHNOLOGY HAVING A HIGH PRIORITY WITH IRAN); (5) PROPOSE A SELECTED LIST OF ARCHITECTS WHO HAVE DESIGNED SUCCESSFUL U.S. MARINE SCIENCE LABORATORIES.

2. ACTION REQUESTED: SCIATT IS REQUESTED TO SUBMIT REPORT CONTAINED IN PARA 1 TO DR. PARSA. AT THAT TIME HE SHOULD SAY THAT NOAA WOULD BE PLEASED TO RECEIVE A COPY OF THE REPORT OF THE IRANIAN OCEANOGRAPHIC TEAM, WHICH WAS EXPECTED IN JANUARY, 1977.

3. FYI: COPIES OF ENTIRE TEXT OF DR. RICHARD'S REPORT ARE BEING POUCHED TO EMBASSY, BUT FOR REASONS WHICH WILL BE APPARENT TO EMBASSY WHEN IT ARRIVES WE DO NOT REPEAT NOT FEEL THAT IT WOULD BE APPROPRIATE TO PASS THE ENTIRE DOCUMENT ON TO THE GOI FROM THE USG. ADVANCE DRAFT COPIES OF THE REPORT HAVE, HOWEVER, ALREADY BEEN LIMITED OFFICIAL USE

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SENT TO DRS. NIAZI, HOSSEINIE AND MOGHADDAM.

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## Message Attributes

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